



PTO/SB/17 (10-03)

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FEET TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 860.00)

Complete if Known

Application Number	09/1766,247
Filing Date	01/19/2001
First Named Inventor	Sandy C. Shaw
Examiner Name	Ly, Anh
Art Unit	2172
Attorney Docket No.	A-69985

Technology Center 2100
APR 15 2004

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METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

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Deposit Account Number
Deposit Account Name

The Director is authorized to: (check all that apply)

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 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	X _____	= _____
			- 3** =	X _____	= _____

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	\$475-
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	\$385-
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3) (\$)			860.00

(Complete if applicable)

Name (Print/Type)	Julie E. Daniels	Registration No. (Attorney/Agent)	51,330	Telephone	415-334-2260
Signature	Julie E. Daniels	Date	April 15, 2004		

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
SHAW

Serial No.: 09/766,247

Filing Date: January 19, 2001

Title: A METHOD FOR THE
MANIPULATION, STORAGE,
MODELING, VISUALIZATION AND
QUANTIFICATION OF DATASETS

Art Unit: 2172

Examiner: LY, ANH

Attorney Docket No. A-69985/AJT

CERTIFICATE OF MAIL UNDER 37 CFR 1.10

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 6, 2004
Typed Name: Julie E. Daniels

Signed: Julie E. Daniels

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AMENDMENT

Dear Sir:

In response to the final Office action of October 6, 2003, please amend the above-identified application as follows:

In the Claims:

Please amend claim 31 as follows:

B | 31. (Amended) A method for dataset pattern analysis for a plurality of target strings, wherein each target string is a dataset and the target strings can be represented by placing marks on points in a multidimensional map such that patterns within each point or between points are extracted visually or mathematically, the method comprising the following steps: